

TOP SECRET "U"

TICOM/M-3

'DELTA' Machine

Attached is a chart giving details of the wiring of the 'Delta' Enigma machine. It appears to have been a standard Army Enigma, wired for special use.

TICOM

3 July 1945

TICOM M DISTRIBUTIONBRITISH

1 Director
2 D.D.4
3 D.D.(N.S.)
4 D.D.(M.W.)
5 D.D.(A.S.)
6 A.D.(C.C.R.)
7 A.D.(Mch)
8 D.D.(A)

U.S.

21-22 OP 20-G (2)(via Lt. Pendergrass)
23 G-2 (via Lt. Col. Hilles)
24-25 S.S.A.(2)(via Major Seaman)
26 Director S.I.D. Etousa (via
Lt. Col. Johnson)

TICOM

9 Chairman
10 S.A.C.
11 Cdr. MacKenzie
12 Cdr. Bacon
13 Cdr. Tandy
14 Lt. Col. Johnson
15 Major Seaman
16 Lt. Eachus
17 Miss Hill
18 Lt. Cdr. Manson
19-20 Ticom Files

EXEMPT

Classified/Extended by DIRNSA/CHCSS

Reason: NSA Declassification Guidelines

Re-Review on 9920679E30 Keenan
Date

S-9792

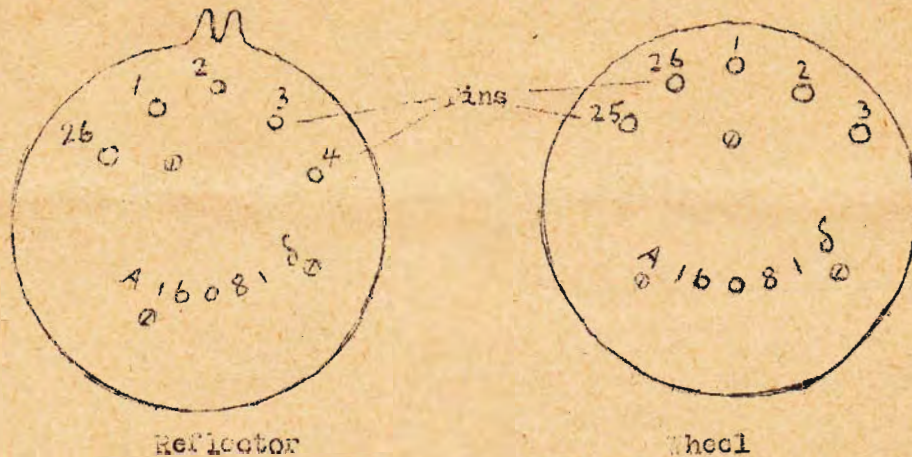
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Form No. 2

Authority NW32823
 By SN NARA Date 1/19/12

WIRING OF THE "LOTT" ROTORS

(Machine No. A 16081, from the German file, etc. at Zagreb)

NOTATION



WIRING

Reflector 1/4 2/15 3/14 5/10 6/21 7/24 8/20 9/17 11/12
 13/19 16/26 18/22 23/25

Wheel I
 Pin 1 2 3 4 5 6 7 8 9 10 11 12 13
 Plate 5 22 6 23 10 15 2 24 1 14 17 20 4

Pin 14 15 16 17 18 19 20 21 22 23 24 25 26
 Plate 26 21 13 5 25 18 16 19 11 7 9 12 8

Wheel II
 Pin 1 2 3 4 5 6 7 8 9 10 11 12 13
 Plate 24 10 7 21 13 8 26 13 25 4 12 1 20

Pin 14 15 16 17 18 19 20 21 22 23 24 25 26
 Plate 23 11 19 5 16 14 3 17 6 15 9 2 22

Wheel III
 Pin 1 2 3 4 5 6 7 8 9 10 11 12 13
 Plate 19 25 9 7 24 5 12 4 21 11 2 22 15

Pin 14 15 16 17 18 19 20 21 22 23 24 25 26
 Plate 1 23 20 26 8 17 14 6 3 18 13 10 16

Wheel IV
 Pin 1 2 3 4 5 6 7 8 9 10 11 12 13
 Plate 8 11 20 26 4 19 13 6 23 16 3 17 10

Pin 14 15 16 17 18 19 20 21 22 23 24 25 26
 Plate 9 25 24 14 22 13 21 7 5 12 1 15 2

Wheel V
 Pin 1 2 3 4 5 6 7 8 9 10 11 12 13
 Plate 23 13 7 18 11 5 10 21 1 26 6 20 15

Pin 14 15 16 17 18 19 20 21 22 23 24 25 26
 Plate 24 9 14 4 25 2 17 22 8 12 3 16 19

TURNOVERS

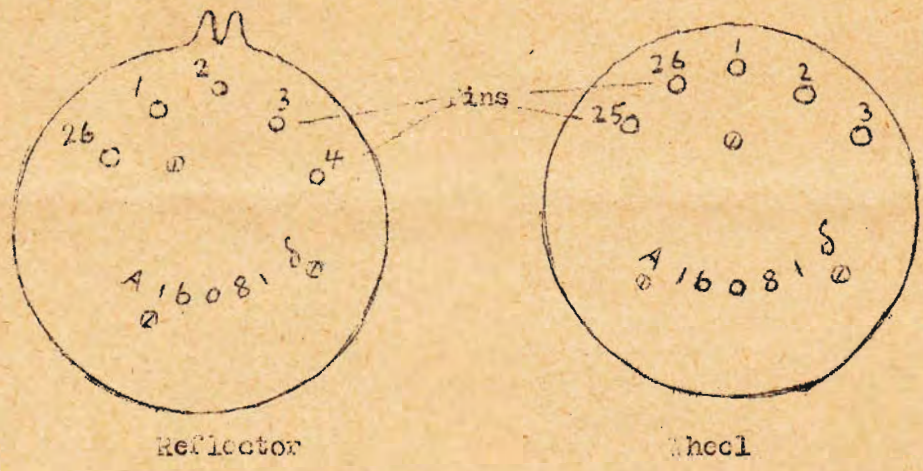
Normal - i.e. Wheel I - B; Wheel II - B; Wheel III - V;

Wheel IV - I; Wheel V - 7

WIRING OF THE "LOLIT" MACHINE

(Machine No. A 16081, from the German Mil. Att. at Zagreb)

NOTATION



WIRING

Reflector: 1/4 2/15 3/14 5/10 6/21 7/24 8/20 9/17 11/12
 13/19 16/26 18/22 23/25

Wheel I

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13
Plate	3	22	6	23	10	15	2	24	1	14	17	20	4
Pin	14	15	16	17	18	19	20	21	22	23	24	25	26
Plate	26	21	13	5	25	18	16	19	11	7	9	12	8

Wheel II

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13
Plate	24	10	7	21	18	8	26	13	25	4	12	1	20
Pin	14	15	16	17	18	19	20	21	22	23	24	25	26
Plate	23	11	19	5	16	14	3	17	6	15	9	2	22

Wheel III

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13
Plate	19	25	9	7	24	5	12	4	21	11	2	22	15
Pin	14	15	16	17	18	19	20	21	22	23	24	25	26
Plate	1	23	20	26	8	17	14	6	3	18	13	10	16

Wheel IV

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13
Plate	8	11	20	26	4	19	18	6	23	16	3	17	10
Pin	14	15	16	17	18	19	20	21	22	23	24	25	26
Plate	9	25	24	14	22	13	21	7	5	12	1	15	2

Wheel V

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13
Plate	23	13	7	18	11	5	10	21	1	26	6	20	15
Pin	14	15	16	17	18	19	20	21	22	23	24	25	26
Plate	24	9	14	4	25	2	17	22	8	12	3	16	19

TURNOVERS

Normal - i.e. Wheel I - J; Wheel II - E; Wheel III - V;
 Wheel IV - J; Wheel V - Z.